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As a below	named inventor, I hereby declare that:					
This declara	This declaration is of the following type:					
	original divisional continuation continuation-in-part INVENTORSHIP IDENTIFICATION					
believe I ar original, firs	My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: INSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE					
	SPECIFICATION IDENTIFICATION					
The specific	eation of which:					
	is filed herewith was filed on October 1, 2003, under Serial No. 10/677,135; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on					
I hereby st	KNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR ate that I have reviewed and understand the contents of the above-identified n, including the claims, as amended by any amendment referred to above.					
I acknowled accordance examination that a reas	dge the duty to disclose all information I know to be material to patentability in with Title 37, Code of Federal Regulations, §1.56, and which is material to the of this application; namely, information where there is a substantial likelihood onable Examiner would consider it important in deciding whether to allow the to issue as a patent.					
	In compliance with this duty there is attached an Information Disclosure					

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any

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	\boxtimes	No such	application	ns have been f	filed.		
		Such ap	oplications h	nave been filed	d as follows:		
Α.					within 12 mos ns under 35 U		design) prior to
Cou	intry/P(<u> </u>	<u>Applicati</u>	on Number	Date Filed	Priority (] No
В.			olication(s) .S. applicat		more than 12	mos. (6 mos.	for design)
		Count	y/PCT	<u>Applicatio</u>	on Number	Filing Date	
C.	U.S. P	rovision	al Applicat	tion filed with	in 12 months	prior to this	application
			Serial Nu	<u>mber</u> <u>Fil</u>	ling Date		•
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			PRIC	ORITY CLAIM	(35 USC §120	0)	•
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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William B. Patterson Registration No. 34,102 Registration No. 37,906 B. Todd Patterson Registration No. 34,682 Raymond R. Moser, Jr. Registration No. 32,008 Keith M. Tackett Registration No. 46,222 Jason C. Huang Registration No. 43,876 Randol W. Read Kyla D. Cummings Registration No. 50,682 Registration No. 53,000 David M. Haugen

Send correspondence and direct telephone calls to:

William B. Patterson MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056 Telephone: 713/623-4844

Same as above

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first invent	or: DAVID G. H	JSIE	
Inventor's signature:		Date:	
Residence:	63 Harbor View Drive Sugar Land, Texas 774 U.S.A.	179	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.	
Full name of second in	ventor: MICHAEL B	RIAN GRAYSON	3
Inventor's signature:	1415 Shady Valley Driv Sugar Land, Texas 77		

Country of Citizenship: U.S.A.

Post Office Address:

Full name of third inven	tor: H.K. BANSAL	<u>.</u>
	. 4	· .
Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inve	entor: F.X. BOSTIC	K, III
Inventor's signature:		Date:
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	Vay
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

(Declaration ends with this page)



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	original				
	divisional				
	continuation				
	continuation-in-part				
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	INSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE				
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The specifica	ation of which:				
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\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or				
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America listed below, and have also identified below any provisional or foreign application(s)
for patent or inventor's certificate or any PCT international application(s) designating at least
one country other than the United States of America filed by me on the same subject matter
having a filing date before that of the application(s) of which priority is claimed.
No such applications have been filed
IXI NO CUCH APPLICATIONS HOUSE HOUSE THAT

	_						
	No such applications have been filed.						
Such applications have been filed as follows:							
A.					vithin 12 mos. s under 35 U		design) prior to
Cou	intry/PC	<u>X</u>	Applicatio	n Number	Date Filed	Priority (☐ Yes ☐ ☐ Yes ☐] No
В.			lication(s), S. applicatio		nore than 12 i	mos. (6 mos	. for design)
		Countr	y/PCT	<u>Applicatio</u>	n Number	Filing Date	·
C.	U.S. P	rovision	al Application	on filed with	in 12 months	prior to this	application
			Serial Num	<u>ber</u> <u>Fil</u>	ing Date		
			PRIO	RITY CLAIM	(35 USC §120)	
applicathat is application in applic	ation(s) s/are lis ation is aragrap ation th is subs ng wher date of	or PCT in ted below not discles h of Title at is mate tantial like ther to all	internationally and, insolosed in that 35, United erial to the elihood that ow the appl	application(sfar as the signal of the second	s) designating ubject matter of application(s) is \$112, I acknow this application of this applications as a patential examiner where a patential examiner	the United Sof each of to the manner owledge the on (namely, would conside) which occur	any United State States of America he claims of this provided by the duty to disclosinformation when ler it important is tried between the filing date of this state.
		No such	applications	s have been	filed.		
	\boxtimes	Such ap	plications ha	ave been filed	d, as follows:		
	ial Num 288,229		Filing Date November		Patented	Pending ⊠ □	Abandoned

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Full name of first invento	DAVIDG. H	OSIE / /
Inventor's signature: Residence:	WI WINDS WISH Drive Sugar Land, Texas 77	Date: //3//04
	U.S.A.	
Post Office Address:	Same as above	Country of Citizenship:
Full name of second inv	rentor: MICHAEL B	RIAN GRAYSON
Inventor's signature:	· .	Date:
Residence:	1415 Shady Valley Driv	re
	Sugar Land, Texas 77 U.S.A.	479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Full name of third invento	r: R.K. BANSAL	
Inventor's signature:	·	Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth invent	tor: F.X. BOSTIC	ζ, ΙΙΙ
Inventor's signature:		Date:
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	ay
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II.	ISTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE
•	SPECIFICATION IDENTIFICATION
The specificat	ion of which:
	is filed herewith
\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or
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_					•	• .	
	\boxtimes	No such	application	s have been	filed.		
		Such ap	plications h	ave been file	d as follows:		
۸.					within 12 mos ns under 35 U		design) prior to
Cou	intry/PC	<u> </u>	Application	n Number	Date Filed	Priority ☐ Yes [☐ Yes [-
3.			lication(s), S. applicati		more than 12	mos. (6 mos	s. for design)
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			Serial Nun	<u>nber</u> <u>Fi</u>	ling Date		•
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			PRIC	RITY CLAIM	I (35 USC §120	0)	
application in the second in t	ation(s) s/are lis ation is aragrap ation th is subs ng whe	or PCT ited below not discled h of Title at is mate tantial lik ther to all	internationally and, insolosed in that 35, United erial to the elihood that ow the app	I application of the state of the states Code examination of the state	(s) designating subject matter application(s) e, §112, I ack of this applicatione as a paten	the United of each of the manner of the united to the united the manner of the united of the office	any United States States of America the claims of this er provided by the e duty to disclose information where der it important in urred between the I filing date of this
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Full name of first invent	tor: DAVID G. H	OSIE
Inventor's signature:		Date:
Residence:	63 Harbor View Drive Sugar Land, Texas 77 U.S.A.	479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
		•
Full name of second in	ventor: MICHAEL B	BRIAN GRAYSON
		•
Inventor's signature:		Date:
Residence:	1415 Shady Valley Driv	ve
	Sugar Land, Texas 77 U.S.A.	479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Full name of third inventor	or: R.K. BANSAL	
Inventor's signature: Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	Date: January 30, 2004
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inver	ntor: F.X. BOSTIC	K, III
Inventor's signature:		Date:
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	ay
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Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inve	entor: F.X. BOSTICE	(, 111
Inventor's signature:	RBM	Date: 02 19 04
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	Date: 02:19.04 ay 430 Hickory Post Ln. Houston, Texas 77079
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			PRIO	RITY CLAIN	1 (35 USC §120))	
applicathat is application in applic	ation(s) s/are lis ation is aragrap ation th is subs ng wher date of	or PCT intended to the desired	internationally and, insoused in that 35, United erial to the elihood that ow the applementations.	application far as the solution of the solutio	(s) designating subject matter application(s) i e, §112, I ack of this applicatione to as a patential designment.	the United Sof each of the manner of the manner on (namely, involute consider)	any United States States of America he claims of this r provided by the e duty to disclose nformation where er it important in rred between the filing date of this
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William B. Patterson MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056

Same as above

Telephone: 713/623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first invent	or: DAVID G. F	IOSIE
Inventor's signature:		Date:
Residence:	63 Harbor View Drive Sugar Land, Texas 77 U.S.A.	479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second in	ventor: MICHAEL E	BRIAN GRAYSON
Inventor's signature:		Date: 2-02-04
Residence:	1415 Shady Valley Dri Sugar Land, Texas 77 U.S.A.	

Country of Citizenship: U.S.A.

Post Office Address:

Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above Country	of Citizenship: U.S.A.
Full name of fourth inv	entor: F.X. BOSTICK, III	·
	entor: F.X. BOSTICK, III	Data
Inventor's signature: _		Date:
	7022 Northhampton Way Houston, Texas 77055 U.S.A.	Date:

R.K. BANSAL

(Declaration ends with this page)

Full name of third inventor:



As a below named inventor, I hereby declare that:

This declarat	on is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
believe I am original, first	e, post office address and citizenship are as stated below next to my name. In the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which and for which a patent is sought on the invention entitled:
	INSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE
	SPECIFICATION IDENTIFICATION
The specifica	ation of which:
	is filed herewith
\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or
	Express Mail No.(as Serial No. not yet known) and was amended on (if applicable)
	was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACH	(NOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby sta	ate that I have reviewed and understand the contents of the above-identified it, including the claims, as amended by any amendment referred to above.
accordance examination that a reason	ge the duty to disclose all information I know to be material to patentability in with Title 37, Code of Federal Regulations, §1.56, and which is material to the of this application; namely, information where there is a substantial likelihood bnable Examiner would consider it important in deciding whether to allow the o issue as a patent.
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any
provisional or foreign application(s) for patent or inventor's certificate or of any PCT
international application(s) designating at least one country other than the United States of
America listed below, and have also identified below any provisional or foreign application(s)
for patent or inventor's certificate or any PCT international application(s) designating at least
one country other than the United States of America filed by me on the same subject matter
having a filing date before that of the application(s) of which priority is claimed.

	\boxtimes		• •	have been fi			
		Such ap	plications ha	ve been filed	as follows:		
A.					vithin 12 mos s under 35 U		design) prior to
Cou	intry/P0	<u>CT</u>	Application	n Number	Date Filed	Priority C Yes Yes	No
В.			lication(s), i S. applicatio		nore than 12	mos. (6 mos.	for design)
		Country	y/PCT	<u>Applicatio</u>	n Number	Filing Date	
C.	U.S. P	Provisiona	al Applicatio Serial Num		n 12 months	prior to this	application
			<u>ochai italii</u>	<u> </u>	ing Date		
			PRIO	RITY CLAIM	(35 USC §120))	
application that is application first particular there deciding the second seco	ation(s) s/are lis ation is aragrap ation th is subs ng whe	or PCT inted belowed not discless the first matestantial like the first metestantial like ther to all	nternational vand, insoft osed in that/ 35, United erial to the elihood that ow the appli	application(s ar as the su those prior a States Code xamination o a reasonab cation to issu	s) designating ubject matter upplication(s) i e, §112, I ack f this applicati le Examiner of ue as a paten	the United S of each of th n the manner nowledge the on (namely, ir would conside t) which occur	ny United States tates of America ie claims of this provided by the duty to disclose information where it important in tred between the filing date of this
		No such	applications	have been t	iled.		
	\boxtimes	Such ap	plications ha	ve been file	l, as follows:		
	ial Num 288,229		Filing Date November 5		Patented	Pending ⊠ □	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William B. Patterson Registration No. 34,102 B. Todd Patterson Registration No. 37,906 Registration No. 34,682 Raymond R. Moser, Jr. Keith M. Tackett Registration No. 32,008 Jason C. Huang Registration No. 46,222 Registration No. 43,876 Randol W. Read Kyla D. Cummings Registration No. 50,682 David M. Haugen Registration No. 53,000

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Full name of first invento	DAVID.G.	HOSIE
Inventor's signature:	63 Harbor View Drive	
	U.S.A.	1419 .
Post Office Address:	Same as above	Country of Citizenship: D.S.A. LJK
Full name of second inve	entor: MICHAEL	BRIAN GRAYSON
Inventor's signature:		Date:
Residence:	1415 Shady Valley Di	rive
	Sugar Land, Texas 7	7479
	U.Š.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

	. *	
Inventor's signature:	· ·	Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth invent	tor: F.X. BOSTICK	, III
Inventor's signature:		Date:
Residence:	7022 Northhampton Wa Houston, Texas 77055 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

R.K. BANSAL

(Declaration ends with this page)

Full name of third inventor:



As a below r	named inventor, I hereby declare that:
This declarati	on is of the following type:
	original
	divisional
	continuation
\boxtimes	continuation-in-part
	INVENTORSHIP IDENTIFICATION
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				s have been ave been file			
A.					within 12 mos ns under 35 U		design) prior to
Cou	intry/PC	<u>T</u>	Application	on Number	Date Filed	Priority (] No
В.			lication(s). S. applicat		more than 12	mos. (6 mos	. for design)
		Country	<u>//PCT</u>	Application	on Number	Filing Date	:
C.	U.S. P	rovisiona	al Applicat	ion filed with	nin 12 months	prior to this	application
			Serial Nur	mber Fi	ling Date		
			PRIC	ORITY CLAIM	I (35 USC §120))	٠
application is application in the second in	ation(s) s/are list ation is aragraph ation the is subse ng whet date of t	or PCT in the control of the control of Title control of Title control of the con	nternationary and, inso sed in that 35, United erial to the elihood that ow the app	al application of ar as the sat/those prior distates Cod examination at a reasona olication to iss	(s) designating subject matter application(s) e, §112, I ack of this applicatible Examiner sue as a paten	the United Soft each of the manner of the	any United States States of America he claims of this reprovided by the eduty to disclose of the fit important in the filing date of this states.
				ns have been			
	⊠ <u>ial Num</u> 288,229	•	plications I Filing Dat November	<u>te</u>	Patented	Pending ⊠	Abandoned

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		× .
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la canta da alamatemas	•	Date:
Inventor's signature:	1415 Shady Valley D	
Residence:		
	Sugar Land, Texas 7 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Full name of third inven	tor: R.K. BANSAL		10
Inventor's signature: Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.)	nuary 30,2004
Post Office Address:	Same as above	Country of Citizenship	: U.S.A.
Full name of fourth inve	entor: F.X. BOSTIC	K, III	
Inventor's signature:	· 	Date:	
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	/ay	
Post Office Address:	Same as above	Country of Citizenship	: U.S.A.

(Declaration ends with this page)



As a below n	amed inventor, I hereby declare that:
This declarati	on is of the following type:
	original
	divisional
	continuation
\boxtimes	continuation-in-part
	INVENTORSHIP IDENTIFICATION
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for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter
having a filing date before that of the application(s) of which priority is claimed.

	,				(-, -, -, -, -, -, -, -, -, -, -, -, -, -				
	No such applications have been filed.								
	Such applications have been filed as follows:								
A.		ior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to is application, and any priority claims under 35 USC §119							
<u>Co</u> ı	untry/P	<u>CT</u>	Application	on Number	Date Filed	Priority ☐ ☐ Yes ☐ ☐ Yes ☐] No		
В.	All foreign application(s), if any, filed more than 12 mos. (6 mos. for design) prior to this U.S. application								
		Countr	y/PCT	<u>Application</u>	on Number	Filing Date	•		
			•	•					
c.	U.S. F	Provision	al Applicat	ion filed with	nin 12 months	prior to this	application		
			Serial Nu	mber Fi	iling Date				
			PRIC	DRITY CLAIM	I (35 USC §12	0)	¥		
applicathat is application in the interior in	eation(s) s/are list eation is earagrap nation the is substing whe	or PCT sted belove not discle the of Title nat is mat stantial like ther to al	internationary and, insome one of the osed in the ose of the ose o	al application of ar as the sat/those prior d States Cod examination at a reasona olication to iss	(s) designating subject matter application(s) e, §112, I act of this application Examiner as a pater	the United Some of each of the in the manner of the control of the	any United States States of America he claims of this r provided by the duty to disclose aformation where er it important in the filing date of this		
		No such	n applicatio	ns have been	filed.				
	\boxtimes	Such ap	plications	nave been file	ed, as follows:				
	rial Nur 288,229		Filing Date Novembe		Patented	Pending	Abandoned		

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Inventor's signature:		Date:
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Full name of fourth inve	ntor: F.X. BOSTICH	C, III
Inventor's signature:	EBM	Date: 02 · 19 04
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	Date: 02:19.04 ay 430 Hickory Post Ln. Houston, Texas 77079
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

(Declaration ends with this page)